



Our Reference: SPM-339-A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Meinhard Knoll

Serial Number: 10/019,166

Filing Date: December 20, 2001

Examiner/Art Group Unit: /

Title: UNIVERSAL TRANSDUCER

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

The references listed in the attached form PTO-1449 are cited pursuant to Rule 37 C.F.R. 1.56 to meet the duty to disclose to the Patent Office all information known to the inventor, attorney or any other person who is substantively involved in the preparation or prosecution of the application or who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

The information may include:

- (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of the patent application believe any pending claim patentably defines.

If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in § 1.56(c), a copy of the translation accompanies this Statement. U. S. Patent No. 4,874,500 is the associated U. S. case for EP 299778 and U. S. Patent No. 5,393,401 is the associated U. S. case for DE 4115414.

These references constitute all the information of which the individuals pursuant to 37 C.F.R. § 1.56(c) are currently aware.

A copy of each cited reference is enclosed, if required.

Respectfully submitted,

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Dated: May 3, 2002

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| FORM PTO-1449<br>LIST OF REFERENCES CITED BY APPLICANT  |    |   |                     | ATTY DOCKET NO. SPM-339-A     |       | SERIAL NO. 10/019,166 |                 |
|---|----|---|---------------------|-------------------------------|-------|-----------------------|-----------------|
|   |    |   |                     | APPLICANT MEINHARD KNOLL      |       |                       |                 |
|   |    |   |                     | FILING DATE December 20, 2001 |       | GROUP                 |                 |
| U. S. PATENT DOCUMENT   |    |   |                     |                               |       |                       |                 |
| EXAMINER INITIALS   |    | PATENT NO.  | ISSUE DATE          | PATENTEE                      | CLASS | SUBCLASS              | FILING DATE     |
|   | AA | 4,874,500   | Oct. 17, 1989       | Madou et al.                  | 204   | 412                   | July 15, 1987   |
|   | AB | 5,393,401   | Feb. 28, 1995       | Knoll                         | 204   | 418                   | PCT May 6, 1992 |
|   | AC |   |                     |                               |       |                       |                 |
|   | AD |   |                     |                               |       |                       |                 |
|   | AE |   |                     |                               |       |                       |                 |
|   | AF |   |                     |                               |       |                       |                 |
|   | AG |   |                     |                               |       |                       |                 |
|   | AH |   |                     |                               |       |                       |                 |
|   | AI |   |                     |                               |       |                       |                 |
|   | AJ |   |                     |                               |       |                       |                 |
|   | AK |   |                     |                               |       |                       |                 |
| FOREIGN PATENT OR PUBLISHED PATENT APPLICATION  |    |   |                     |                               |       |                       |                 |
|   |    | DOCUMENT NO.  | PUBLICATION DATE    | COUNTRY OR PATENT OFFICE      | CLASS | SUBCLASS              | TRANSLATION     |
|   | AL | DE 196 29 154 A1                                    | January 22, 1998    | German                        |       |                       |                 |
|   | AM | DE 43 37 418 A1                                     | May 4, 1995         | German                        |       |                       |                 |
|   | AN | DE 41 15 414 A1                                     | Nov. 12, 1992       | German                        |       |                       |                 |
|   | AO | DE 196 02 861 A1                                    | July 31, 1997       | German                        |       |                       |                 |
|   | AP | 0 299 778 A2  | filed July 15, 1988 | EP                            |       |                       |                 |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)   |    |   |                     |                               |       |                       |                 |
|   | AR | Chemische Sensoren, by Friedrich Dehme              |                     |                               |       |                       |                 |
|   |    |   |                     |                               |       |                       |                 |
|   | AS | PCT International Search Report dated June 15, 2000 |                     |                               |       |                       |                 |
|   |    |   |                     |                               |       |                       |                 |
|   | AT |   |                     |                               |       |                       |                 |
|   |    |   |                     |                               |       |                       |                 |
| EXAMINER  |    |   |                     | DATE CONSIDERED               |       |                       |                 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not considered. Include a copy of this form with next communication to applicant. |    |   |                     |                               |       |                       |                 |



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| FORM PTO-1449<br>LIST OF REFERENCES CITED BY APPLICANT   |    |                 | ATTY DOCKET NO<br>SPM-339-A      | SERIAL NO<br>10/019,166  |       |          |             |
|--|----|-----------------|----------------------------------|--------------------------|-------|----------|-------------|
|  |    |                 | APPLICANT<br>MEINHARD KNOLL      |                          |       |          |             |
|  |    |                 | FILING DATE<br>December 20, 2001 | GROUP                    |       |          |             |
| U. S. PATENT DOCUMENT  |    |                 |                                  |                          |       |          |             |
| EXAMINER INITIALS  |    | PATENT NO.      | ISSUE DATE                       | PATENTEE                 | CLASS | SUBCLASS | FILING DATE |
|  | BA |                 |                                  |                          |       |          |             |
|  | BB |                 |                                  |                          |       |          |             |
|  | BC |                 |                                  |                          |       |          |             |
|  | BD |                 |                                  |                          |       |          |             |
|  | BE |                 |                                  |                          |       |          |             |
|  | BF |                 |                                  |                          |       |          |             |
|  | BG |                 |                                  |                          |       |          |             |
|  | BH |                 |                                  |                          |       |          |             |
|  | BI |                 |                                  |                          |       |          |             |
|  | BJ |                 |                                  |                          |       |          |             |
|  | BK |                 |                                  |                          |       |          |             |
| FOREIGN PATENT OR PUBLISHED PATENT APPLICATION   |    |                 |                                  |                          |       |          |             |
|  |    | DOCUMENT NO.    | PUBLICATION DATE                 | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION |
|  | BL | De 44 26 507 A1 | July 27, 1994                    | German                   |       |          |             |
|  | BM |                 |                                  |                          |       |          |             |
|  | BN |                 |                                  |                          |       |          |             |
|  | BO |                 |                                  |                          |       |          |             |
|  | BP |                 |                                  |                          |       |          |             |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)  |    |                 |                                  |                          |       |          |             |
|  | BR |                 |                                  |                          |       |          |             |
|  | BS |                 |                                  |                          |       |          |             |
|  | BT |                 |                                  |                          |       |          |             |
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